

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101419AL\  
 Data File : FC043985.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 Oct 2019 6:34  
 Operator : DD\AJ  
 Sample : PB123929BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Manual Integrations  
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 10/15/2019 11:35:48 AM

Integration File: autoint1.e  
 Quant Time: Oct 15 08:05:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 12 00:05:39 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.566 | 5920763    | 39.009 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 78.02%       |
| 12) S 1-chlorooctadecane (S... | 12.985 | 5276516    | 44.505 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 89.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.430  | 4668826    | 38.616 ug/ml |
| 2) T n-Decane (C10)            | 4.477  | 5097847    | 42.117 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.050  | 5714367    | 48.536 ug/ml |
| 4) T n-Dodecane (C12)          | 6.464  | 5833815    | 46.124 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.094  | 6064944    | 50.330 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.238  | 6379662    | 49.562 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.820  | 6402975    | 48.629 ug/ml |
| 8) T n-Octadecane (C18)        | 11.247 | 6235046    | 45.714 ug/ml |
| 10) T n-Eicosane (C20)         | 12.544 | 6068151    | 43.476 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.150 | 5944394    | 41.828 ug/ml |
| 13) T n-Docosane (C22)         | 13.732 | 5807744    | 40.874 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.826 | 6353339    | 44.256 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.840 | 5384473    | 37.654 ug/ml |
| 16) T n-Octacosane (C28)       | 16.783 | 6377064    | 44.986 ug/ml |
| 17) T n-Tricontane (C30)       | 17.666 | 5277286    | 37.629 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.491 | 5284979    | 39.786 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.271 | 4671684    | 37.390 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.005 | 3882848    | 33.593 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.724 | 3398143    | 31.928 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.599 | 3376653    | 32.295 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
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Misc :  
ALS Vial : 30 Sample Multiplier: 1

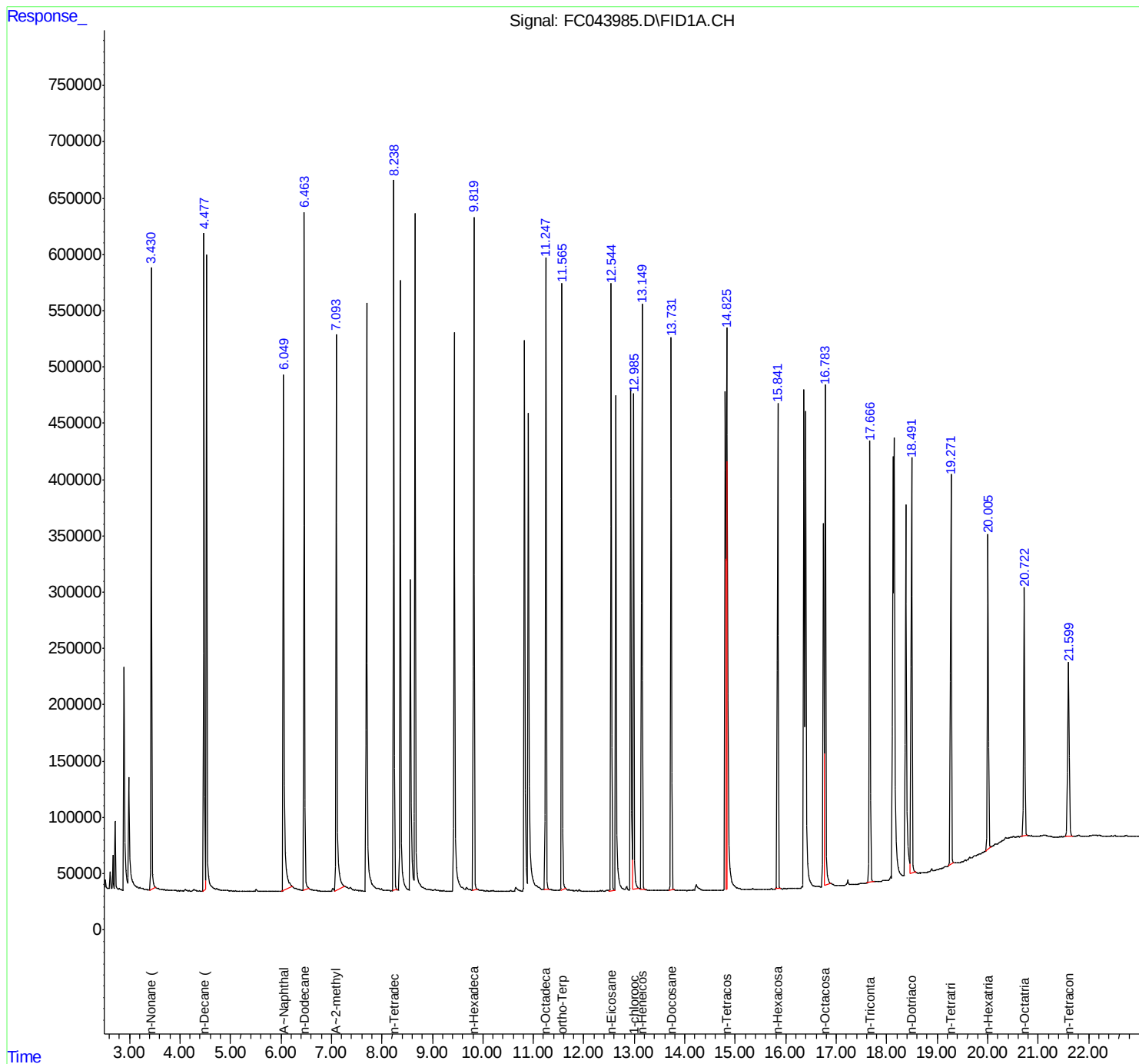
Instrument :  
FID\_C  
ClientSampleId :

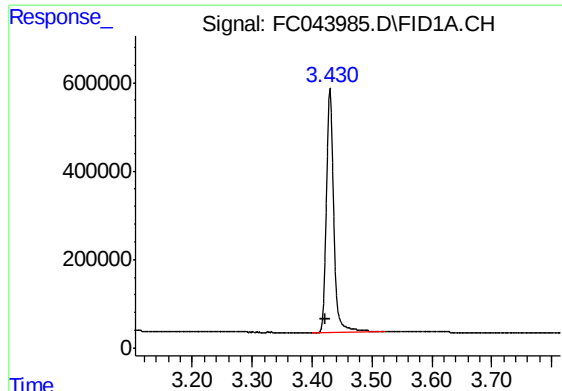
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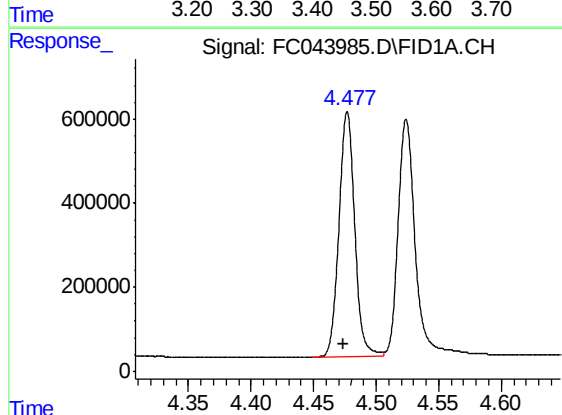
#1 n-Nonane (C9)

R.T.: 3.430 min  
Delta R.T.: 0.008 min  
Response: 4668826  
Conc: 38.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

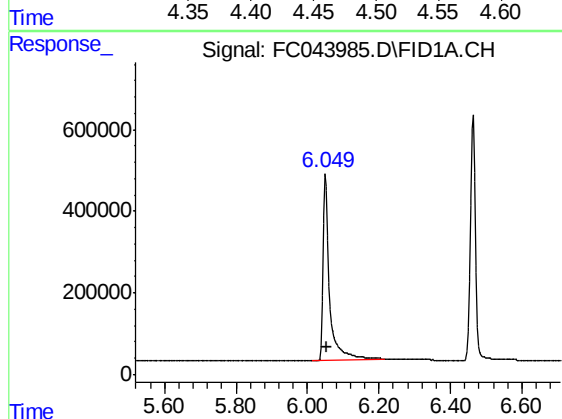
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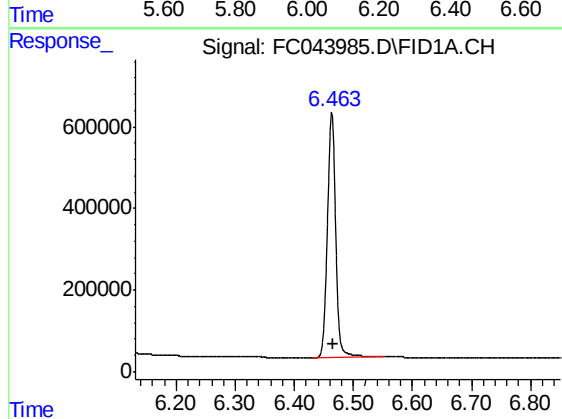
#2 n-Decane (C10)

R.T.: 4.477 min  
Delta R.T.: 0.003 min  
Response: 5097847  
Conc: 42.12 ug/ml



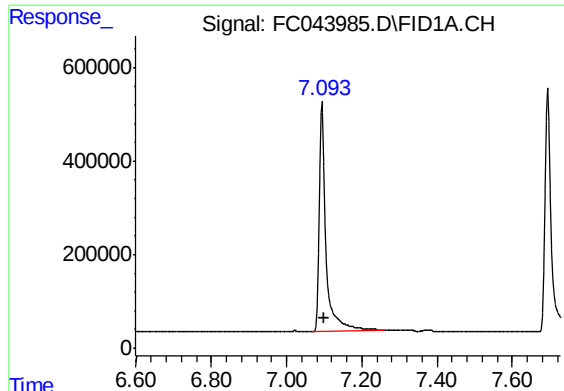
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min  
Delta R.T.: -0.005 min  
Response: 5714367  
Conc: 48.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.464 min  
Delta R.T.: -0.002 min  
Response: 5833815  
Conc: 46.12 ug/ml



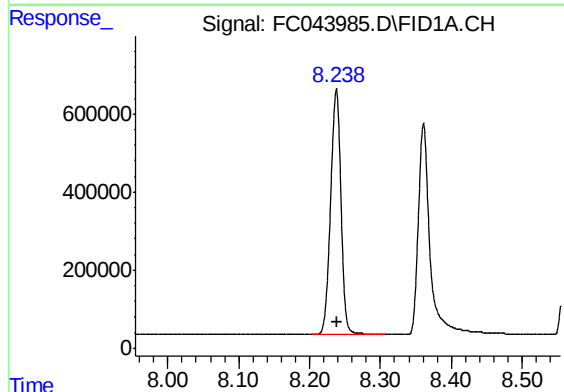
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min  
Delta R.T.: -0.006 min  
Response: 6064944  
Conc: 50.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

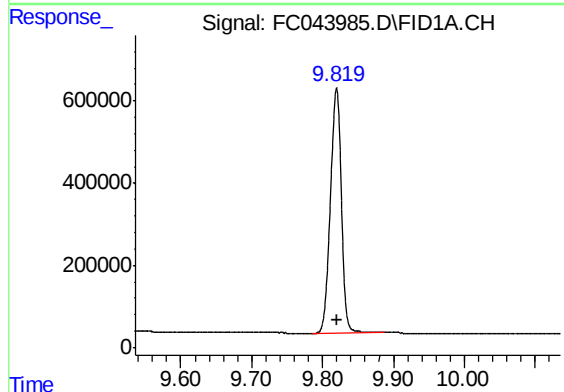
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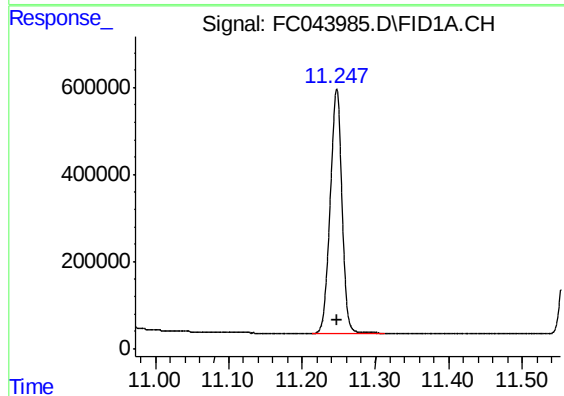
#6 n-Tetradecane (C14)

R.T.: 8.238 min  
Delta R.T.: -0.001 min  
Response: 6379662  
Conc: 49.56 ug/ml



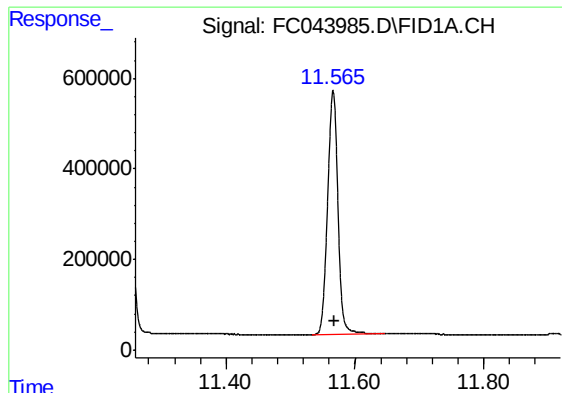
#7 n-Hexadecane (C16)

R.T.: 9.820 min  
Delta R.T.: 0.000 min  
Response: 6402975  
Conc: 48.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min  
Delta R.T.: 0.000 min  
Response: 6235046  
Conc: 45.71 ug/ml



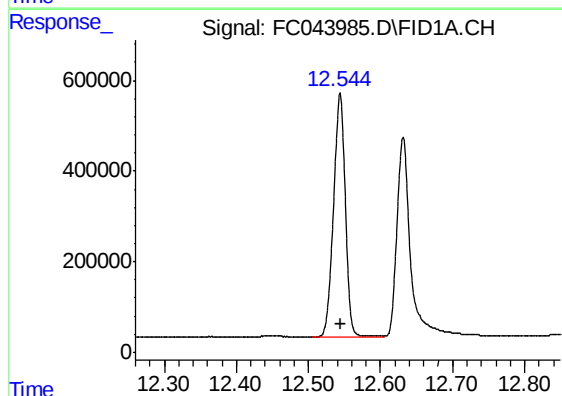
#9 ortho-Terphenyl (SURR)

R.T.: 11.566 min  
Delta R.T.: -0.001 min  
Response: 5920763  
Conc: 39.01 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

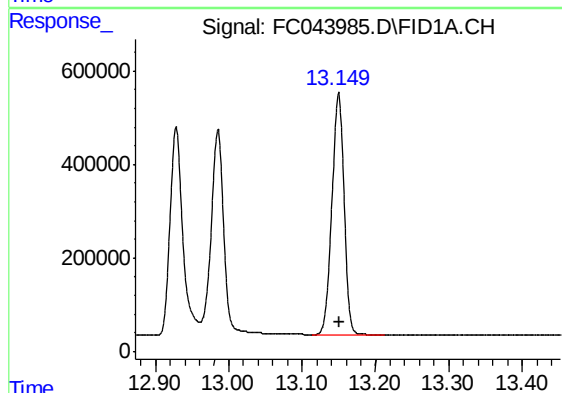
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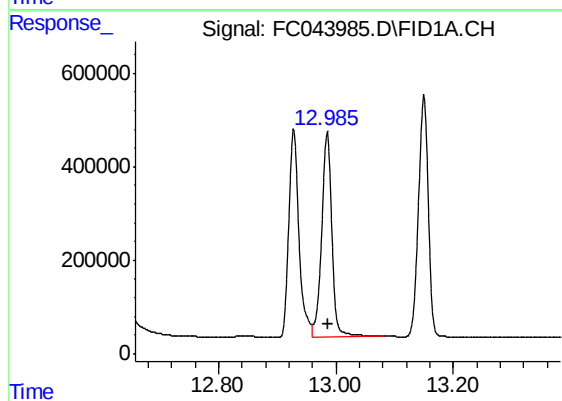
#10 n-Eicosane (C20)

R.T.: 12.544 min  
Delta R.T.: 0.000 min  
Response: 6068151  
Conc: 43.48 ug/ml



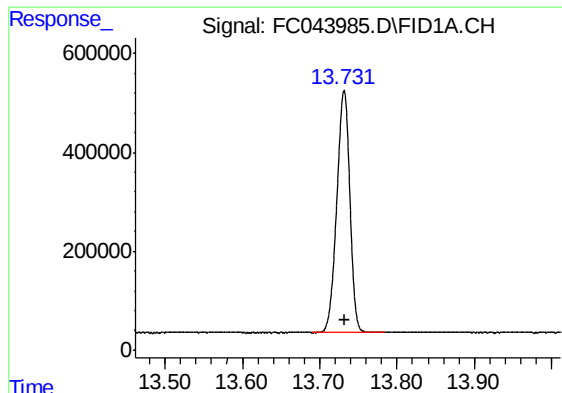
#11 n-Heneicosane (C21)

R.T.: 13.150 min  
Delta R.T.: 0.000 min  
Response: 5944394  
Conc: 41.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.985 min  
Delta R.T.: 0.000 min  
Response: 5276516  
Conc: 44.50 ug/ml



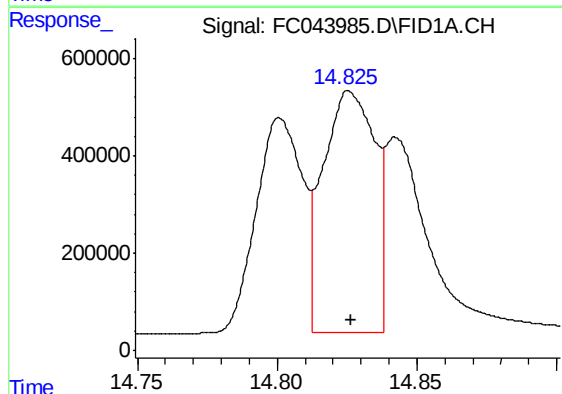
#13 n-Docosane (C22)

R.T.: 13.732 min  
Delta R.T.: 0.000 min  
Response: 5807744  
Conc: 40.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

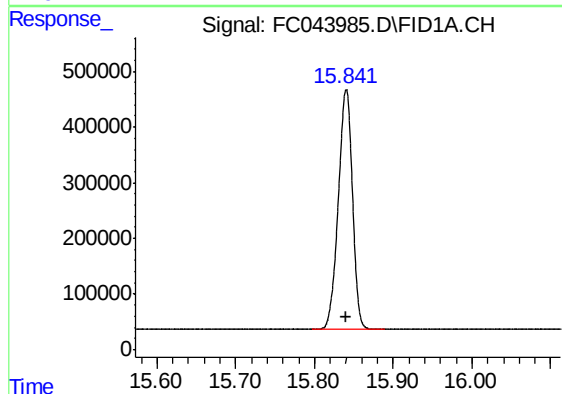
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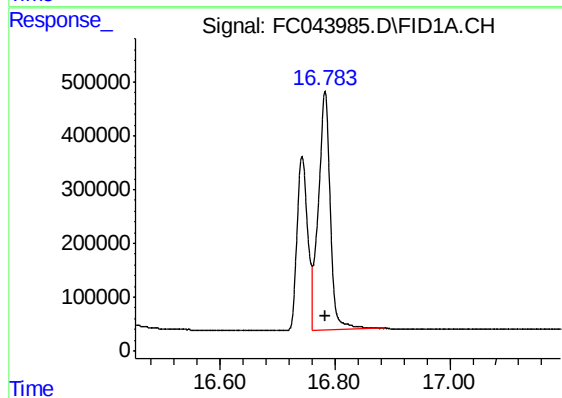
#14 n-Tetracosane (C24)

R.T.: 14.826 min  
Delta R.T.: 0.000 min  
Response: 6353339  
Conc: 44.26 ug/ml



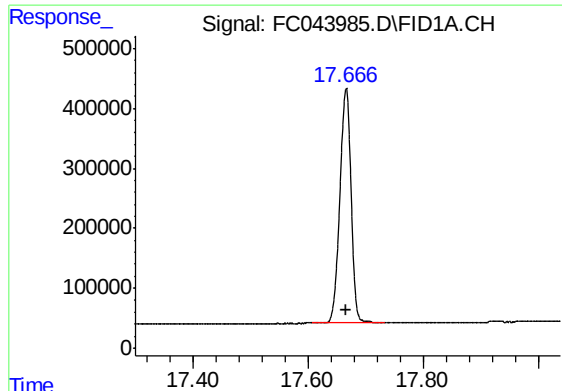
#15 n-Hexacosane (C26)

R.T.: 15.840 min  
Delta R.T.: 0.000 min  
Response: 5384473  
Conc: 37.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.783 min  
Delta R.T.: 0.000 min  
Response: 6377064  
Conc: 44.99 ug/ml



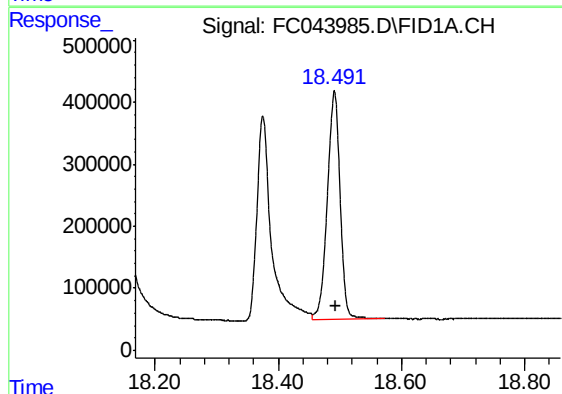
#17 n-Tricontane (C30)

R.T.: 17.666 min  
Delta R.T.: 0.000 min  
Response: 5277286  
Conc: 37.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

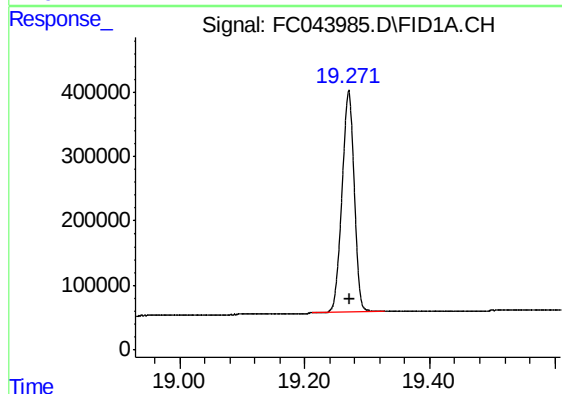
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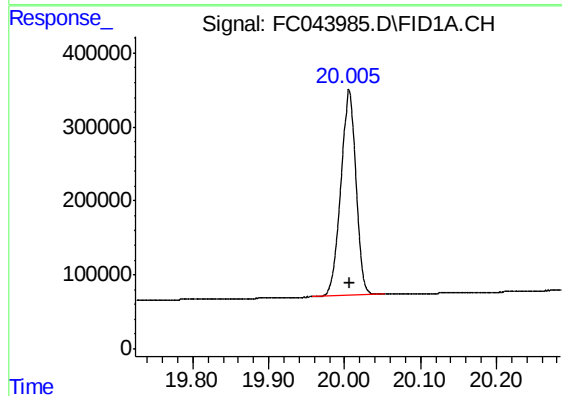
#18 n-Dotriacontane (C32)

R.T.: 18.491 min  
Delta R.T.: -0.001 min  
Response: 5284979  
Conc: 39.79 ug/ml



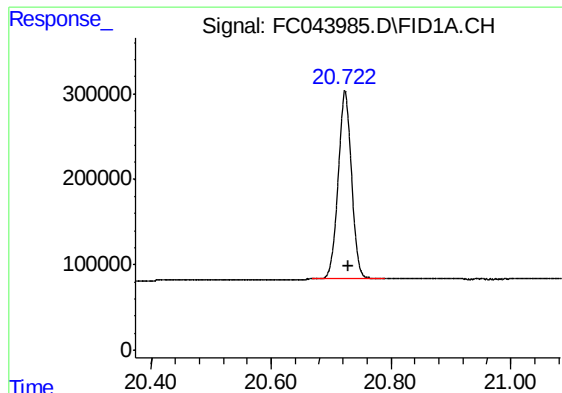
#19 n-Tetatriacontane (C34)

R.T.: 19.271 min  
Delta R.T.: -0.002 min  
Response: 4671684  
Conc: 37.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min  
Delta R.T.: -0.002 min  
Response: 3882848  
Conc: 33.59 ug/ml m



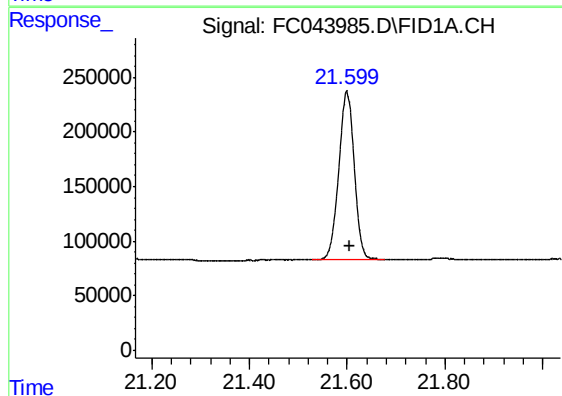
#21 n-Octatriacontane (C38)

R.T.: 20.724 min  
Delta R.T.: -0.005 min  
Response: 3398143  
Conc: 31.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.599 min  
Delta R.T.: -0.006 min  
Response: 3376653  
Conc: 32.29 ug/ml